

**4/8CH AHD HDD Mobile DVR ASL420HD/ASL420HDL - ASL820HD/ASL820HDL**



**Specification**

- Support 4/8CH Full 720P AHD real-time recording and playback. 4/8CH audio synchronous recording.
- Support 2.5 inch HDD,max 2TB,SD card and HDD dual storage (Optional).
- H.264 video format, Linux system, dual stream.
- Support remote download and playback function(Video file can be accurate to optional seconds, saving the time and data)
- TES correction encrypted file management system, preventing data from being loss and damaged caused by sudden power off
- Meet the ISO-7637-2 Electrical Resistance Standard. Adopt high quality positioning and communication module with good stability
- Support pre-alarm record, motion detection and alarm linkage.
- Support extendable devices like LED screen, ID reader(support break-point resume), bus station reporter, people counting camera etc.
- Automobile black box function, record speed, GPS position, acceleration of gravity, brake, back the car, swerve, alarm etc.
- 1x VGA Port, support max 1080P video output
- Support optional built-in 3G/4G, WiFi and GPS/Glonass modules .
- RS232×1, RS485×1, USB 2.0 port×1, Canbus 2.0B×1.
- C8-36V wide range voltage supply, standard industrial embedded design, military level anti-vibration technology

**Model**

**ASL420HD/ASL420HDL  
ASL820HD/ASL820HDL**

**Product parameters**

Item	Equipment parameter	performance standard	
Name	Product name	ASL420HD/ASL420HDL	ASL820HD/ASL820HDL
System	Operation system	LINUX	
	Operation interface	Graphical menu operation interface(OSD Menu)	
	Language	Chinese/English/Portuguese/Russian optional	
	File system	SW Error correction encrypted file management system	
Video	Video input	4 channels AHD input	8 channel AHD output
	VGA output	1 channel, support 1920*1080, 1280*720, 1024*768	
	CVBS output	1 channel PAL/NTSC output, 1.0Vp-p, 75Ω, Pin Aviation Connector	
	Video display	1 or 4 channels	1 or 8 channels
	Signal system	PAL : 25 FPS ; NTSC : 30 FPS	
	Total resources	720P PAL : 100FPS, NTSC : 120FPS	720P PAL : 200FPS, NTSC : 240FPS
Audio	Audio input	4 channels, 600Ω	8 channels, 600Ω
	Audio output	1 channel aviation to CVBS output, 600Ω, 1.0-2.2V	
	Record format	Synchronized video&audio recording	
	Audio compression	G711U	
Digital processing and storage	Video compression	H.264	
	Image resolution	4*720P (1280*720)	8*720P (1280*720)
	Image quality	1-8 level adjustable (1 is the best)	
	Video bit-rate	720P: 192K~2M bps(each channel)	
	Video storage	720P: 85M~900M Byte/hour(each channel)	
	Playback	1 or 4*720P	1 or 8*720P
	Audio stream bit-rate	4KByte/s/channel	
	Hard disk storage	2.5inch SATA hard disk×1, max 2TB	
Alarm	Alarm input	8channels(activated by high voltage)	
	Alarm output	2 channels	
	Motion detection	High/Middle/Low sensitivity adjustable	
USB	HOST port	The front panel used for files backup and firmware upgrading	
Lan	RJ45	Optional(used for video monitoring)	
	Wifi	Optional	
	3G/4G	FDD-LTE/TD-LTE/WCDMA/CDMA2000 module optional	
GPS	GPS	GPS/Glonass module optional	
Extension interface	RS232	RS232 interface×1	
	RS485	RS485 interface×1	
	Intercom	Available	
	G-Sensor	Available	
	CANBUS	Optional	
Others	Power supply and consumption	DC8-36V 5% ≤12W	
	Operating temperature/humidity	-20~85°C / ≤80%	
	Package	245 (L) *190 (W) *71 (H) mm	
	Net weight	2.8KG (not including hard disk) /set	3.0KG (not including hard disk) /set
	Gross weight	3.0KG (not including hard disk) /set	3.2KG (not including hard disk) /set

## Assured Systems

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